

Appl. No. 10/620,001
Office Action mailed: June 2, 2006
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Applicant Docket No. 9046/23

Amendment to Claims

Please cancel claims 1-25.

This list of claims replaces all previous listings and versions in the application.

Listing of Claims:

1-27. (Cancelled)

28. (Currently amended) An A flashing light system and an inertia switch, comprising:
a flashing light system mounted in footwear, an article of clothing, or a personal
accessory worn by a user;
an inertia switch connected to the flashing light system, the inertia switch comprising an
insulating housing;
a first and a second contact mounted side by side in the housing; and
a first magnet mounted to the housing and a second magnet disposed within the housing,
the first magnet and the second magnet opposed by a repulsive force between the magnets,
wherein the switch is normally open and motion of the user causes the second magnet to move,
contacting both contacts and closing the switch.

29. (Currently amended) The flashing light system and inertia switch of Claim 28,
further comprising a mass connected to the second magnet.

30. (Currently amended) The flashing light system and inertia switch of Claim 28 ~~and a~~
~~flashing light system connected to the contacts~~, further comprising a controller having a memory
for storing patterns of flashing.

31. (Currently amended) The flashing light system and inertia switch of Claim 28,
~~further comprising a flashing light system and an item selected from the group consisting of~~
~~footwear, an article of clothing, and a personal accessory wherein the magnet is electrically~~
conductive.

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32. (Currently amended) The flashing light system and inertia switch of Claim 31, wherein the flashing light system further comprises a plurality of LEDs, a controller, and a power source.

33. (Currently amended) The flashing light system and inertia switch of Claim 31, wherein the flashing light system further comprises at least two voltage sources and at least one LED connected to the at least two voltage sources, wherein the flashing light system applies at least two voltages sequentially to the at least one LED.

34. (Original) A method of controlling a flashing light system, the method comprising: assembling a flashing light system comprising an inertia switch according to Claim 28; and

mounting the flashing light system in an item selected from the group consisting of footwear, an article of clothing, and a personal accessory, wherein the flashing light system may be activated by causing motion of the inertia switch.

35. (Original) A method of making a flashing light system, the method comprising: making an inertia switch according to Claim 28; assembling the inertia switch into a flashing light system; and installing the flashing light system into an item selected from the group consisting of footwear, an article of clothing, and a personal accessory.

36. (Currently amended) The method of Claim 35, further comprising ~~connecting a mass to the first magnet.~~ controlling flashing of the system using a controller and patterns of flashing stored in a memory of the system.

37. (Original) A method of controlling a flashing light system, the method comprising: mounting two conductors side by side in an insulating housing; placing a first magnet and a second magnet in the housing, the first magnet and the second magnet opposed by a repulsive force between the magnets to form an inertia switch for a flashing light system; and

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closing the inertia switch through motion of the switch, causing the first magnet to contact both contacts simultaneously and activate the flashing light system.

38. (New) The flashing light system and inertia switch of Claim 28, further comprising a touch switch or a toggle switch.

39. (New) The flashing light system and inertia switch of Claim 28, further comprising a RC control circuit.